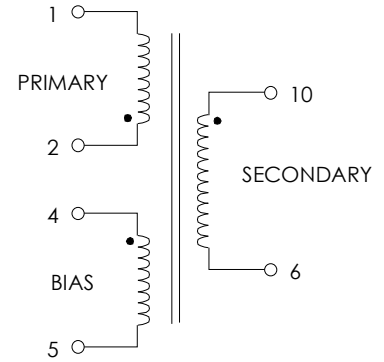


TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C

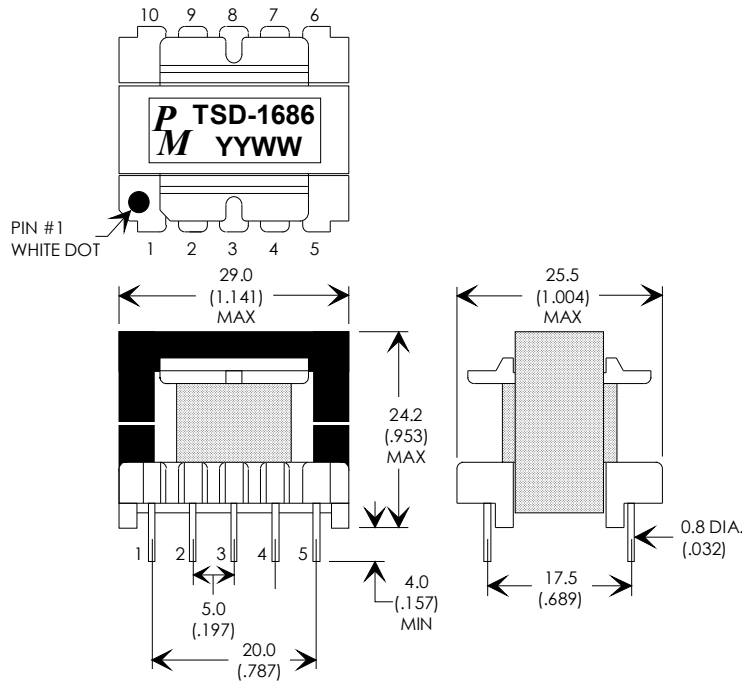
| PARAMETER | SPEC LIMITS | | | UNITS |
|--|-------------|----------------------|----------------|--------------|
| | MIN. | TYP. | MAX. | |
| PRIMARY INDUCTANCE (2-1) VOLTAGE = 0.250Vrms FREQUENCY = 100 KHZ | 252 | 280 | 308 | μHY |
| TURNS RATIO'S: SEC (10-6) : PRI (2-1) BIAS (4-5) : PRI (2-1) | ----- | 1 : 1.37 1 : 6.50 | ----- | ± 4% ± 4% |
| PRI LEAKAGE IND. (SEC SHORTED) VOLTAGE = 0.250Vrms FREQUENCY = 100 KHZ | ----- | ----- | TBD | μHY |
| HIPOT: PRIMARY TO SECONDARIES PRIMARY TO BIAS | 3000 200 | ----- ----- | ----- ----- | VRMS VRMS |

FIGURE 1: SCHEMATIC DIAGRAM



NOTE1:
INSULATION SYSTEM:
 A) ALL MATERIALS MEET "UL", "CSA" & "IEC" REQUIREMENTS
 B) CLASS B, 130°C INSULATION SYSTEM.
 C) VARNISH FINISHED ASSEMBLY.

FIGURE 2: PHYSICAL DIMENSIONS mm (INCHES)



| REV. | DESCRIPTION OF CHANGES | BY |
|----------|------------------------|----|
| 08/14/01 | ORIGINAL RELEASE | PP |
| | | |
| | | |



**Premier
Magnetics Inc.**
 "INNOVATORS IN MAGNETICS TECHNOLOGY"

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN MM
 DIMENSIONAL TOLERANCES ARE:
 DECIMALS ANGLES
 X ± .25 ±0° 30'
 XX ± .15
 DO NOT SCALE DRAWING

FLYBACK TRANSFORMER CONTROL DRAWING

| | |
|-----------------------|--------------------|
| PREMIER P/N: TSD-1686 | REVISION: 08/14/01 |
| DRAWN BY: PETER PHAM | REF: TOP-246 50W |
| SCALE: NONE | SHEET: 1 OF 1 |